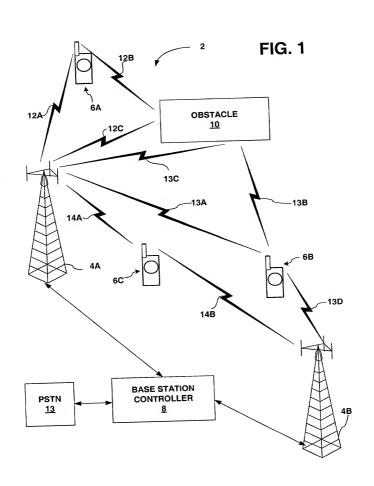
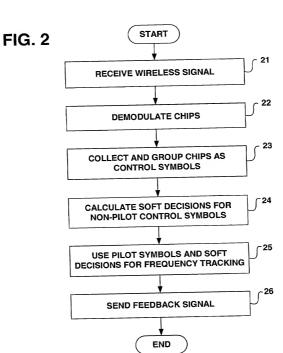
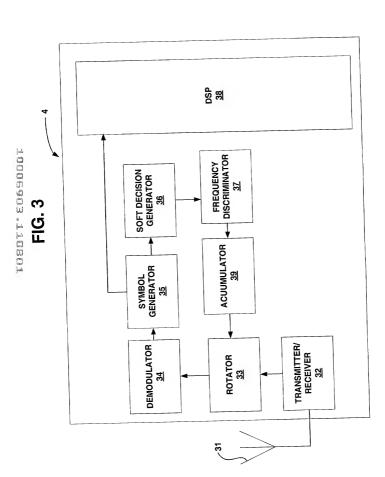
QUALCOMM Incorporated 010474; FREQUENCY TRACKING USING PILOT AND NON-PILOT SYMBOLS E1831391158US 1 of 9



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010474; FREQUENCY TRACKING USING
PILOT AND NON-PILOT SYMBOLS
E1831391158US
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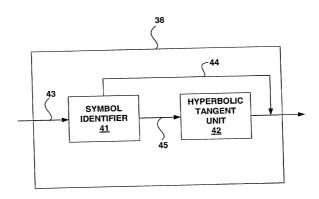
3 of 9



QUALCOMM Incorporated 010474; FREQUENCY TRACKING USING PILOT AND NON-PILOT SYMBOLS EJ831391158US

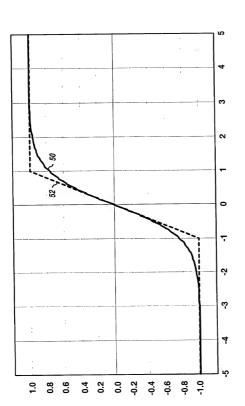
4 of 9

FIG. 4



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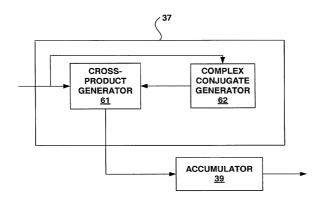
EJ831391158US 5 of 9



-1G. 5

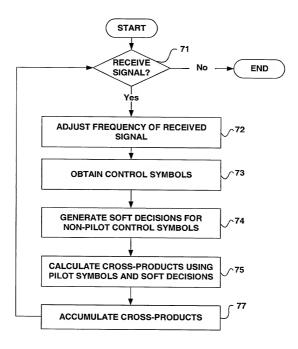
_6 of 9

FIG. 6



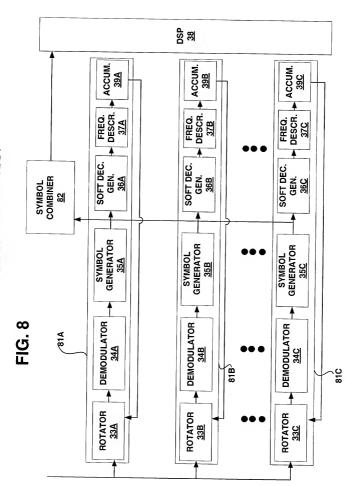
QUALCOMM Incorporated 010474; FREQUENCY TRACKING USING PILOT AND NON-PILOT SYMBOLS EJ831391158US 7 of 9

FIG. 7



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